

STEREO MOC Status Report
Time Period: 2011:199 - 2011:205

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - On day 202, for the DSS 14 support, the transmitter was declared red prior to the track due to a body flow interlock problem. This anomaly resulted in the loss of all commanding and two-way tracking data for the duration of the support. See DR# G111807 for more information.
 - On day 205, during the DSS 25 support, turbo decoder lock was lost briefly beginning at 1802z. This resulted in the loss of one frame of SSR data. A DR has been requested.
2. The following spacecraft/instrument events occurred during this week:
 - The average daily SSR playback volume for Ahead was 5.7 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - On day 200, during the DSS 45 support, turbo decoder lock was lost briefly beginning at 0538z. This resulted in the loss of one frame of SSR data. See DR# N107492 for more information.
 - On day 201, during the DSS 24 support, turbo decoder lock was lost briefly beginning at 0221z. This resulted in the loss of one frame of SSR data. See DR# N107496 for more information.
2. The following spacecraft/instrument events occurred during this week:
 - On day 199, the scheduled space weather broadcast from BEHIND only was changed to end early by 25 minutes, from 0625 UTC to 0600 UTC, to provide a test downlink of the

current 160 kbps, turbo rate 1/6, rate to the ESA New Norcia station in support of the upcoming NASA/ESA mission Exomars. The station successfully locked to the downlink.

- On day 203, a test of the SECCHI HI 135 degree roll event, which will be used August on BEHIND only to observe Comet Elenin, was executed successfully on the BEHIND observatory.
- The average daily SSR playback volume for Behind was 4.9 Gbits during this week.